COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION, OR C-I-P)

As a below named inventor, I hereby declare that:

-- nonprovisional application).

continuation-in-part (C-I-P).

TYPE OF DECLARATION

his de	claration is of the following type:
	(check one applicable item below)
5	☑ original.
	design.
NOTE:	With the exception of a supplemental oath or declaration submitted in a reissue, a supplemental oath or declaration is not treated as an amendment under 37 CFR 1.312 (Amendments after allowance). M.P.E.P. § 714.16, 7th Edition.
	3 supplemental.
NOTE:	If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.
Ε	national stage of PCT.
NOTE:	If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR C-I-P.
NOTE:	See 37 C.F.R. § 1.63(d) (continued prosecution application) for use of a prior nonprovisional application declaration in the continuation or divisional application being filed on behalf of the same or fewer of the inventors named in the prior application.
	divisional.
	continuation.
NOTE:	Where an application discloses and claims subject matter not disclosed in the prior application, or a continuation or divisional application names an inventor not named in the prior application, a continuation-in-part application must be filed under 37 C.F.R. § 1.53(b) (application filing requirements

INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

PROCESS FOR THE SYNTHESIS OF PHENOLS FROM ARENES

SPECIFICATION IDENTIFICATION

the specification of which:

(complete (a), (b), or (c))

(a) [2	is attached hereto.
NOTE:	"The following combinations of information supplied in an oath or declaration filed on the application filing date with a specification are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:
	"(1) name of inventor(s), and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration on filing;
	"(2) name of inventor(s), and attorney docket number which was on the specification as filed; or
	"(3) name of inventor(s), and title which was on the specification as filed."
	Notice of July 13, 1995 (1177 O.G. 60).
(b) [] was filed on, as [] Serial No. 0 /
	and was amended on (if applicable).
NOTE:	Amendments filed after the original papers are deposited with the PTO that contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 C.F.R. § 1.67.
NOTE:	"The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:
	"(A) application number (consisting of the series code and the serial number, e.g., 08/123,456);
	"(B) serial number and filing date;
	"(C) attorney docket number which was on the specification as filed;
	"(D) title which was on the specification as filed and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration; or
	"(E) title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number, e.g., 08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."
	M.P.E.P. § 601.01(a), 7th Ed.
(c) [was described and claimed in PCT International Application No.
	amended under PCT Article 19 on (if any).
•	amended under FOT Article 19 011 (II arry).

(Declaration and Power of Attorney [1-1]—page 2 of 7)

SUPPLEMENTAL DECLARATION (37 C.F.R. § 1.67(b))

(complete the following where a supplemental declaration is being submitted)
☐ I hereby declare that the subject matter of the
attached amendment
amendment filed on
was part of my/our invention and was invented before the filing date of the original application, above-identified, for such invention.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

(also check the following items, if desired)

- and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
 - in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 C.F.R. § 1.98.

PRIORITY CLAIM (35 U.S.C. §§ 119(a)-(d), (f) 172, and 365(a) and (b))

NOTE: 37 C.F.R. § 1.55 Claim for foreign priority.

"(a) An applicant in a nonprovisional application may claim the benefit of the filing date of one or more prior foreign applications under the conditions specified in 35 U.S.C. 119(a) through (d) and (f), 172, and 365(a) and (b).

(1)(i) In an original application filed under 35 U.S.C. 111(a), the claim for priority must be presented during the pendency of the application, and within the later of four months from the actual filing date of the application or sixteen months from the filing date of the prior foreign application This time period is not extendable. The claim must identify the foreign application for which priority is claimed, as well as any foreign application for the same subject matter and having a filing date before that of the application for which priority is claimed, by specifying the application number, country (or intellectual property authority), day, month, and year of its filing. The time period in this paragraph does not apply to an application for a design patent.

- (ii) In an application that entered the national stage from an international application after compliance with 35 U.S.C. 371, the claim for priority must be made during the pendency of the application and within the time limit set forth in the PCT and the Regulations under the PCT."
- (2) The claim for priority and the certified copy of the foreign application specified in 35 U.S.C. 119(b) or PCT Rule 17 must, in any event, be filed before the patent is granted. If the claim for priority or the certified copy of the foreign application is filed after the date the issue fee is paid, it must be accompanied by the processing fee set forth in § 1.17(i), but the patent will not include the priority claim unless corrected by a certificate of correction under 35 U.S.C. 255 and § 1.323

I hereby claim foreign priority benefits under Title 35, United States Code, §§ 119(a)–(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(Declaration and Power of Attorney [1-1]—page 3 of 7)

(complete (d) or (e))

COUNTRY (OR	<u> </u>		§ 119(a)–(d)
INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			☐ YE\$ NO ☐
	· · · · · · · · · · · · · · · · · · ·		☐ YES NO ☐
			☐ YES NO ☐
	· · · · · · · · · · · · · · · · · · ·		☐ YES NO ☐
			☐ YES NO ☐
tates provisiona	(34 U.S.C.) the benefit under Title 35, Italian application(s) listed below:		§ 119(e) of any United FILING DATE
60 / 397			07/19/02
/		·	
			
/			

ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

NOTE: If the application filed more than 12 months from the filing date of this application is a PCT filing forming the basis for this application entering the United States as (1) the national stage, or (2) a continuation, divisional, or continuation-in-part, then also complete ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR C-I-P APPLICATION for benefit of the prior U.S. or PCT application(s) under 35 U.S.C. § 120.

POWER OF ATTORNEY

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

(list name and registration number)

Ian C. McLeod - Registration No. 20,931
Mary M. Moyne - Registration No. 35,962

(check the following item, if applicable)

- I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.
- Attached, as part of this declaration and power of attorney, is the authorization of the above-named practitioner(s) to accept and follow instructions from my representative(s).

NOTE: "Special care should be taken in continuation or divisional applications to ensure that any change of correspondence address in a prior application is reflected in the continuation or divisional application. For example, where a copy of the oath or declaration from the prior application is submitted for a continuation or divisional application filed under 37 CFR 1.53(b) and the copy of the oath or declaration from the prior application designates an old correspondence address, the Office may not recognize, in the continuation or divisional application, the change of correspondence address made during the prosecution of the prior application. Applicant is required to identify the change of correspondence address in the continuation or divisional application to ensure that communications from the Office are mailed to the current correspondence address. 37 CFR 1.63(d)(4)." § 601.03, M.P.E.P., 7th Edition.

SEND CORRESPONDENCE TO

DIRECT TELEPHONE CALLS TO: (Name and telephone number)

Address
McLeod & Moyne, P.C.
2190 Commons Parkway
Okemos, Michigan 48864

Ian C. McLeod (517) 347-4100

☑ Customer Number 21036

(complete the following if applicable)

Since this filing is a
continuation divisional there is attached hereto a Change of Correspondence Address so that there will be no question as to where the PTO should direct all correspondence.

(Declaration and Power of Attorney [1-1]—page 5 of 7)

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

- NOTE: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents.
- NOTE: Each inventor must be identified by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and by his/her residence, post office address and country of citizenship. 37 CFR § 1.63(a)(3).
- NOTE: Inventors may execute separate declarations/oaths provided each declaration/oath sets forth all the inventors. Section 1.63(a)(3) requires that a declaration/oath, inter alia, identify each inventor and prohibits the execution of separate declarations/oaths which each sets forth only the name of the executing inventor. 62 Fed. Reg. 53,131, 53,142, October 10, 1997,

executing invento	vr. 62 Fed. Reg. 53,131, !	53,142, October 10, 1	997,	
Full name of sole or	first inventor			
Robert /) I ASIEM		Maleczka,	Jr.
(GIVEN NAME)	1 Minople 19	ITTIAL OR NAME)	FAMILY (OR LAS	ST NAME)
nventor's signature	West W	4		
Date	County	y of Citizenship	U.S.	
	tt, Michigan			_
Post Office Address.	13420 Tucker	Drive		
	DeWitt, Michi			
			•	
Full name of second	joint inventor, if ar	у		
Milton	R.		Smith, III	Γ
(GIVEN NAME))((MIDDLE IN	ITTIAL OR NAME)	FAMILY (OR LAS	T NAME)
nventor's signature _	MI Chief the	LA		
Date 7/14/03	Countr	y of Citizenship	U.S.	
ResidenceEa				
Post Office Address				
	East Lansing		48823	

Full name of third joint inventor, if any Daniel (GIVEN NAME) Inventor's signature Country of Citizenship DeWitt, Michigan DeWitt, Michigan 48820 Holmes FAMILY (OR LAST NAME) Country of Citizenship U.S. DeWitt, Michigan 48820

(check proper box(es) for any of the following added page(s) that form a part of this declaration)

X	Signature for fourth and subsequent joint inventors. Number of pages added
	* * *
	Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added
	Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added
	* * *
	Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)
	* * *
	Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.
	□ Number of pages added
	* * *
	Authorization of practitioner(s) to accept and follow instructions from representative.
	* * *
1	(if no further pages form a part of this Declaration, then end this Declaration with this page and check the following item)
	☐ This declaration ends with this page.
	(Declaration and Power of Attorney [1-1]—page 7 of 7)

ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS

Full name of fourth joint in	nventor, if any	
Feng		Shi_
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship $\underline{{ m P}}$	R.C.
Residence Okemos	, Michigan	
Post Office Address 18:	29 Hamilton Trace Apt.	I-3
	emos, Michigan 48864	
*		
Full name of fifth joint inve	entor, if any	
Tan Harris of Mar joint into	· · · · · · · · · · · · · · · · · · ·	
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature	· · · · · · · · · · · · · · · · · · ·	
Date	Country of Citizenship	
Residence		
Post Office Address		·
Full name of sixth joint in	ventor, if any	
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	
Residence		·
Post Office Address	· · · · · · · · · · · · · · · · · · ·	

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r	Practiti ner	s Docket No. MSU 4	.10614	_ PATENT	-
	☐ Applicant		☐ Patentee _		_
	☐ Applicatio				
	☐ Filed on				_
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	(3	STATEMENT OF ST 37 C.F.R. § 1.27(a)(3))—		•	
٠ .	identified belov	-	d of Trustee	alf of the nonprofit organization es of Iniversity	
	Address of No	nprofit Organization 238	Admistratio	on Building	
	7,440,000 01 140,			Michigan 48824	
	TYPE OF NO	NPROFIT ORGANIZAT	ION		
	☑ Univ	versity or other institution	of higher education	n (located in any country)	
	☐ Tax	exempt under Internal Rev	enue Service Code	(26 U.S.C. 501(a) and 501(c)(3))	t:
		profit scientific or educati merica (35 U.S.C. 201(i))	ional under statute	of state of the United States	- -
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	(Cita	tion of Statute	· · · · · · · · · · · · · · · · · · ·)	
	organization, as the United Stat	defined in 37 C.F.R. § 1	.27(a)(3), for purpos Office under Sect	above qualifies as a nonprofit ses of paying reduced fees to tions 41(a) and (b) of Title 35, in	•
•	⊠ the	specification filed herewith	n, with title as liste	d above.	
	☐ the	application identified abov	e.		
	☐ the	patent identified above.			
					•

(Small Entity-Non-Profit [7-3]-page 1 of 3)

I hereby state that rights under contract or law have been conveyed to, and remain with, the nonprofit organization, with regard to the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who would not qualify as a person under 37 C.F.R. § 1.27(a)(1), if that person made the invention, or by any concern that would not qualify as a small business concern under 37 C.F.R. § 1.27(a)(2), or a nonprofit organization under 37 C.F.R. § 1.27(a)(3)

*NOTE: Separate statements should be obtained from each named person, concern or organization having rights to the invention as to their status as small entities.

Each such person, concern or organization having any rights in the invention is listed below:

	X	No such pe	rson,	, concern, or organization e	exists.	
		Each such	perso	on, concern or organization	is listed	d below.
Name	e					· · · · · · · · · · · · · · · · · · ·
						· .
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				SMALL BUSINESS CONCERN		NONPROFIT ORGANIZATION
Addre	ess <u> </u>					
	INDIV	/IDUAL		SMALL BUSINESS CONCERN		NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any charge in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. § 1.27(g)(2))

NOTE: "The presentation to the Office (whether by signing, filing, submitting, or later advocating) of any paper by a party, whether a practitioner or non-practitioner, constitutes a certification under § 10.18(b) of this chapter. Violations of § 10.18(b)(2) of this chapter by a party, whether a practitioner or non-practitioner, may result in the imposition of sanctions under § 10.18(c) of this chapter. Any practitioner violating § 10.18(b) may also be subject to disciplinary action. See §§ 10.18(d) and 10.23(c)(15)." 37 C.F.R. § 1.4(d)(2).

Name of Person SigningLoraine J. Hudson
Title in OrganizationDirector
Address of Person Signing Michigan State University
238 Administration Building East Lansing, Michigan 48824
SIGNATURE Oracle Hudson Date 6/19/03

•

(Small Entity-Non-Profit [7-3]-page 3 of 3)